**FINNv1 Emission Estimates**

These files were created in April-May 2011. These files include daily, global fire emissions. The emissions have been speciated to the GEOS-chem mechanism.

For more information, questions, comments, or any feedback, please contact Christine Wiedinmyer (christin@ucar.edu)

**REFERENCE:**


There is one header line at the beginning of each file. The files are ASCII format, comma delimited with the following fields:

- **DAY**  Julian Day (day of year)
- **TIME**  Time of satellite overpass/observation (UTC)
- **GENVEG**  Generic Vegetation type where fire occurred
- **LATI**  Latitude (decimal degrees)
- **LONGI**  Longitude (decimal degrees)
- **AREA**  Area burned (m2) – for use with WRF-chem processor ONLY
- **CO2**  CO2 emissions (mole CO2/day)
- **CO**  CO emissions (mole CO/day)
- **NO**  NO emissions (mole NO/day)
- **NO2**  NO2 emissions (mole NO2/day)
- **SO2**  SO2 emissions (mole SO2/day)
- **NH3**  NH3 emissions (mole NH3/day)
- **CH4**  CH4 emissions (mole CH4/day)
- **ACET**  ACET emissions (mole ACET/day)
- **ALD2**  ALD2 emissions (mole ALD2/day)
- **ALK4**  ALK4 emissions (mole ALK4/day)
- **C2H6**  C2H6 emissions (mole C2H6/day)
- **C3H8**  C3H8 emissions (mole C3H8/day)
- **CH2O**  C2HO emissions (mole C2HO/day)
- **ISOP**  ISOP emissions (mole ISOP/day)
- **MEK**  MEK emissions (mole MEK/day)
- **PRPE**  PRPE emissions (mole PRPE/day)
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>HCN</td>
<td>HCN emissions (mole HCN/day)</td>
</tr>
<tr>
<td>OC</td>
<td>Particulate Organic Carbon emissions (kg OC/day)</td>
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<tr>
<td>BC</td>
<td>Particulate Black Carbon emissions (kg BC/day)</td>
</tr>
<tr>
<td>PM25</td>
<td>PM2.5 emissions (kg PM2.5/day)</td>
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</tbody>
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